## INTERNATIONAL SEARCH REPORT

International Application No PCT/GB2005/002520

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F01N7/00 F01N7/08 B60K13/04 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) FO1N B60K IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Cltation of document, with indication, where appropriate, of the relevant passages Category ° 1-6, PATENT ABSTRACTS OF JAPAN χ 9-18,21 vol. 2000, no. 07, 29 September 2000 (2000-09-29) -& JP 2000 104543 A (HONDA MOTOR CO LTD), 11 April 2000 (2000-04-11) paragraphs '0003!, '0006!, '0023! -0025! claim 1 figure 7 1 - 21US 5 323 989 A (HAMADA ET AL) Α 28 June 1994 (1994-06-28) column 3, line 1 - column 4, line 50 figure 1 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the \*A\* document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 07/09/2005 31 August 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Hijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Ikas, G

2

## INTERNATIONAL SEARCH REPORT

International Application No PCT/GB2005/002520

C.(Continue	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	O BE RELEVANT  where appropriate, of the relevant passages  Relevant to claim No.			
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Helevant to claim No.			
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 12, 31 October 1998 (1998-10-31) & JP 10 196358 A (TOYOTA MOTOR CORP), 28 July 1998 (1998-07-28) cited in the application abstract	1-21			
A	abstract  PATENT ABSTRACTS OF JAPAN vol. 2003, no. 04, 2 April 2003 (2003-04-02) & JP 2002 371841 A (NISSAN MOTOR CO LTD), 26 December 2002 (2002-12-26) cited in the application abstract	1-21			

2

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/GB2005/002520

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 2000104543	Α	11-04-2000	JP	3497742 B2	16-02-2004
US 5323989	A	28-06-1994	JP JP	2521192 B2 4252732 A	31-07-1996 08-09-1992
JP 10196358	Α	28-07-1998	JP	3252735 B2	04-02-2002
JP 2002371841	Α	26-12-2002	NONE		